

O S E A N
UNDERWATER TECHNOLOGY



UNDERWATER LED LIGHTING FIXTURES

OSEAN's underwater patented lighting fixtures are derived from the most recent techniques used in the world of the underwater motion picture and scientific underwater exploration. Our LED modules are 4 times more efficient than same power tungsten or halogen lights.

APPLICATIONS

- Designed for underwater architectural applications
- Enhance waterfronts, marinas, beach bar & clubs

FEATURES

- 4 x brighter than regular lighting fittings
- Safe, reliable and easy to install
- Made to withstand harsh and rough saltwater environments
- Wide range of power: 50W- 400W
- Different colors available

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Simplified joint stock company with registered capital of 77000€
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FLOODLIGHTS SPECIFICATIONS



Power range:	200-300W (400W under development)
Module type:	High power LEDs
Colour range available:	White, Green, Yellow, Red
White Colour Temp. range:	5 000°K-8 000°K
Average bulb life time:	≥25 000h
Luminous flow:	20 000-30 000Lm*
Power Supply:	220VAC
Body dimensions:	285mm*H330mm (cage in option)
Body Material:	316L Stainless Steel
Porthole:	Tempered Borosilicate glass
Weight in air:	13kg
Maximum depth:	IP68-20m
Watertightness:	O-ring
Power supply cable:	Underwater cable
Connection (optional):	Cable gland (connector)
Control & effects:	Microcontroller based power management system & DMX controllable



Power range:	50W-100W
Module type:	High power LEDs
Colours range available:	White, Green, Yellow, Red
White Colour Temp. range:	5 000°K-8 000°K
Average bulb life time:	≥25 000h
Luminous flow:	5 000-10 000Lm*
Power Supply:	12-24V _{DC}
Body dimensions:	128mm*H60mm
Body Material:	Corrosion resistant cast aluminum
Porthole:	Tempered Borosilicate glass
Weight in air:	<2kg
Maximum depth:	IP68-10m
Watertightness:	O-ring
Power supply cable:	Underwater cable
Connection:	Cable gland
Control & effects:	Microcontroller based power management system & DMX controllable

FLOATING LED FITTING SPECIFICATIONS



Module Power:	100W
Module type:	High power LEDs
Colour range available:	White, Green, Yellow, Red
White Colour Temp. range:	5 000°K-8 000°K
Average bulb life time:	≥25 000h
Luminous flow (W):	≥10 000Lm*
Power supply:	Li-Ion battery
Body dimensions:	128mm*H255mm
Body Material:	Corrosion resistant cast aluminum
Porthole:	UV treated Polycarbonate
Weight in air:	<2.5kg
Maximum depth:	IP68-10m
Watertightness:	O-ring
Control & effects:	Microcontroller based power management system

* Depend on water turbidity